

CLAIMS

WHAT IS CLAIMED IS:

1. A single bin blank for forming a corrugated paper bin, comprising:
 - a first longitudinal row having four cut sections configured to form bottom flaps of a bin;
 - a second longitudinal row having four scored sections configured to form rectangular outer walls of the bin of a first height; and
 - a third longitudinal row having at least four cut sections configured to form octagonal inner walls of the bin, also of the first height, when the at least four sections are folded over, secured, and approximately parallel to the second longitudinal row.
2. The bin blank of claim 1, wherein two cut sections of the third longitudinal row each comprise five scored portions.
3. The bin blank of claim 2, wherein two of the five scored portions are configured to rest between the second longitudinal row and two other cut sections of the third longitudinal row.

4. The bin blank of claim 3, wherein third longitudinal row includes tabs configured to hold the inner walls in place.

5. The bin blank of claim 4, wherein a separation between the first longitudinal row and the second longitudinal row includes slots configured to receive the tabs.

6. The bin blank of claim 5, wherein a separation between the second longitudinal row and the third longitudinal row includes slots configured to receive the tabs.

7. The bin blank of claim 4, wherein a separation between the second longitudinal row and the third longitudinal row includes slots configured to receive the tabs.

8. The bin blank of claim 1, wherein each of the four cut sections of the first longitudinal row is configured to interlock with another of the four cut sections in the first longitudinal row.

9. A bin blank for forming a corrugated paper bin, comprising:

- a first longitudinal row having four cut sections configured to form bottom flaps of a bin, wherein each of the four cut sections of the first longitudinal row is configured to interlock with another of the four cut sections in the first longitudinal row;
- a second longitudinal row having four scored sections configured to form rectangular outer walls of the bin of a first height; and
- a third longitudinal row having at least four cut sections configured to form octagonal inner walls of the bin, also of the first height, when the at least four sections are folded over and thereby approximately parallel to the second longitudinal row, wherein two cut sections of the third longitudinal row each comprise five scored portions and at least two of the five scored sections on each of the two cut sections are configured to rest between the second longitudinal row and two other cut sections of the third longitudinal row, and wherein the third longitudinal row includes tabs configured to hold the inner walls relative to the outer walls.

10. The bin blank of claim 9, wherein a separation between the first longitudinal row and the second longitudinal row includes slots configured to receive the tabs.
11. The bin blank of claim 10, wherein a separation between the second longitudinal row and the third longitudinal row includes slots configured to receive the tabs.
12. The bin blank of claim 9, wherein a separation between the second longitudinal row and the third longitudinal row includes slots configured to receive the tabs.